

Extraterrestrial Samples at JSC

**The curation of all
extraterrestrial material
under NASA control,
including future NASA
missions**



Apollo lunar samples

Genesis – solar wind ions

Meteorites from Antarctica

Stardust – comet and interstellar grains

“Cosmic dust” from the stratosphere

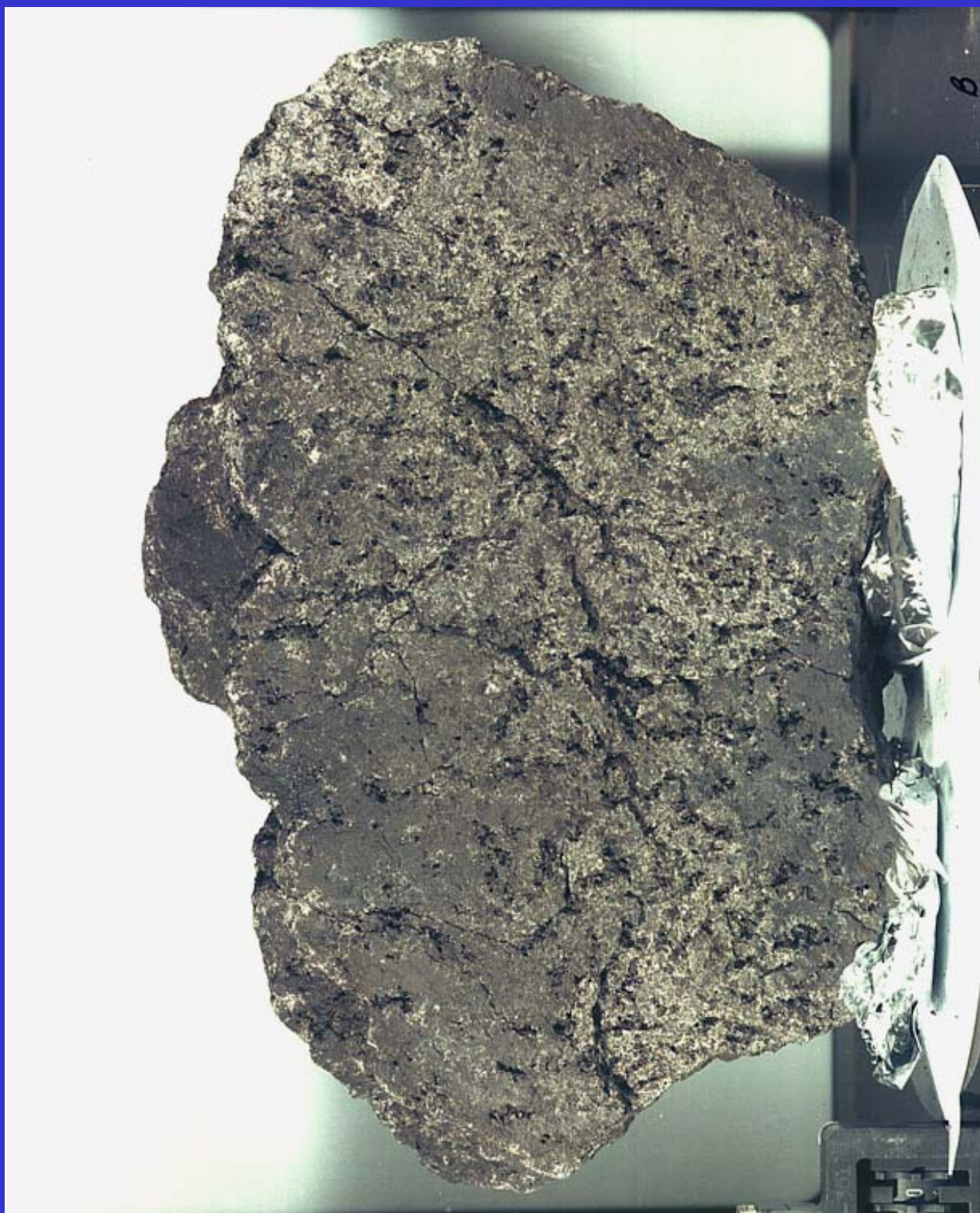
Space-Exposed Hardware



Apollo lunar samples







Meteorites from Antarctica









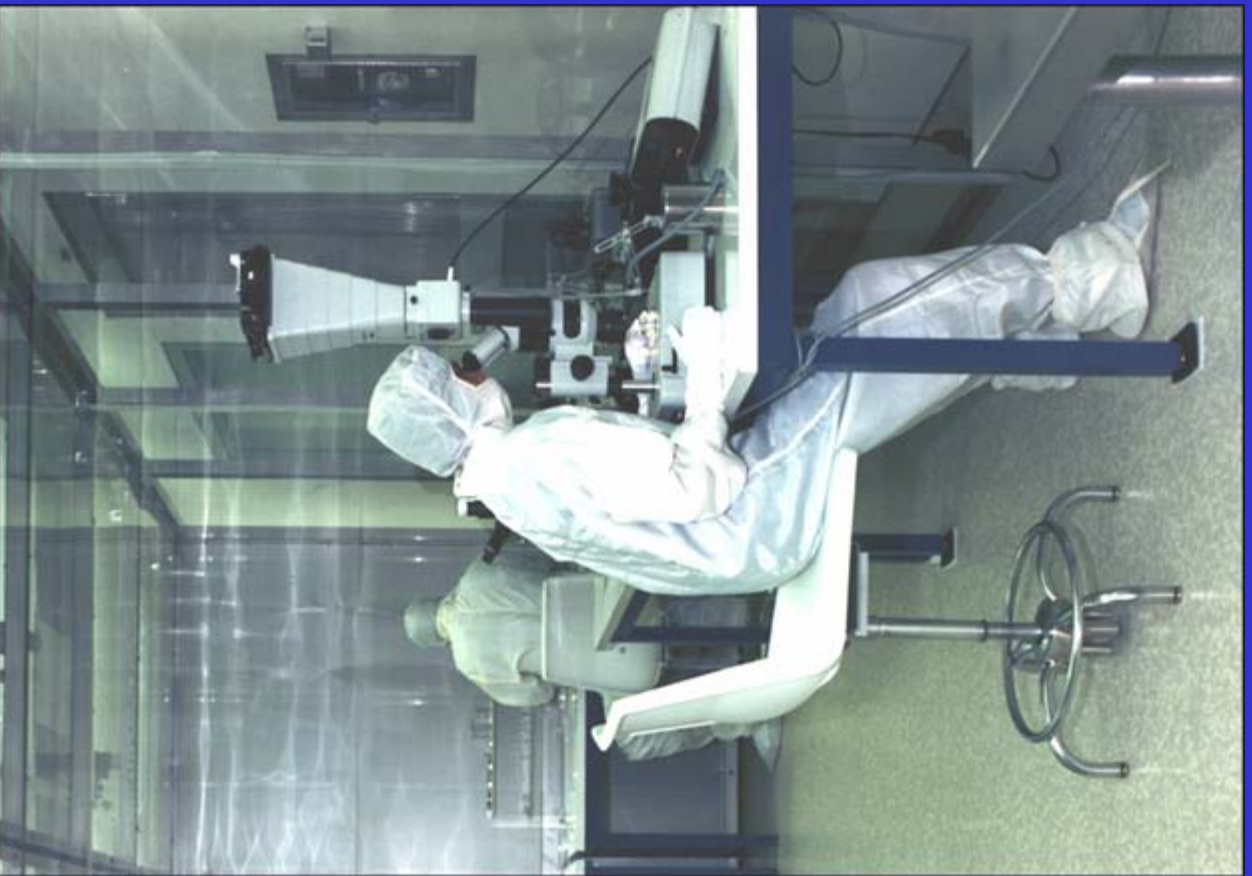


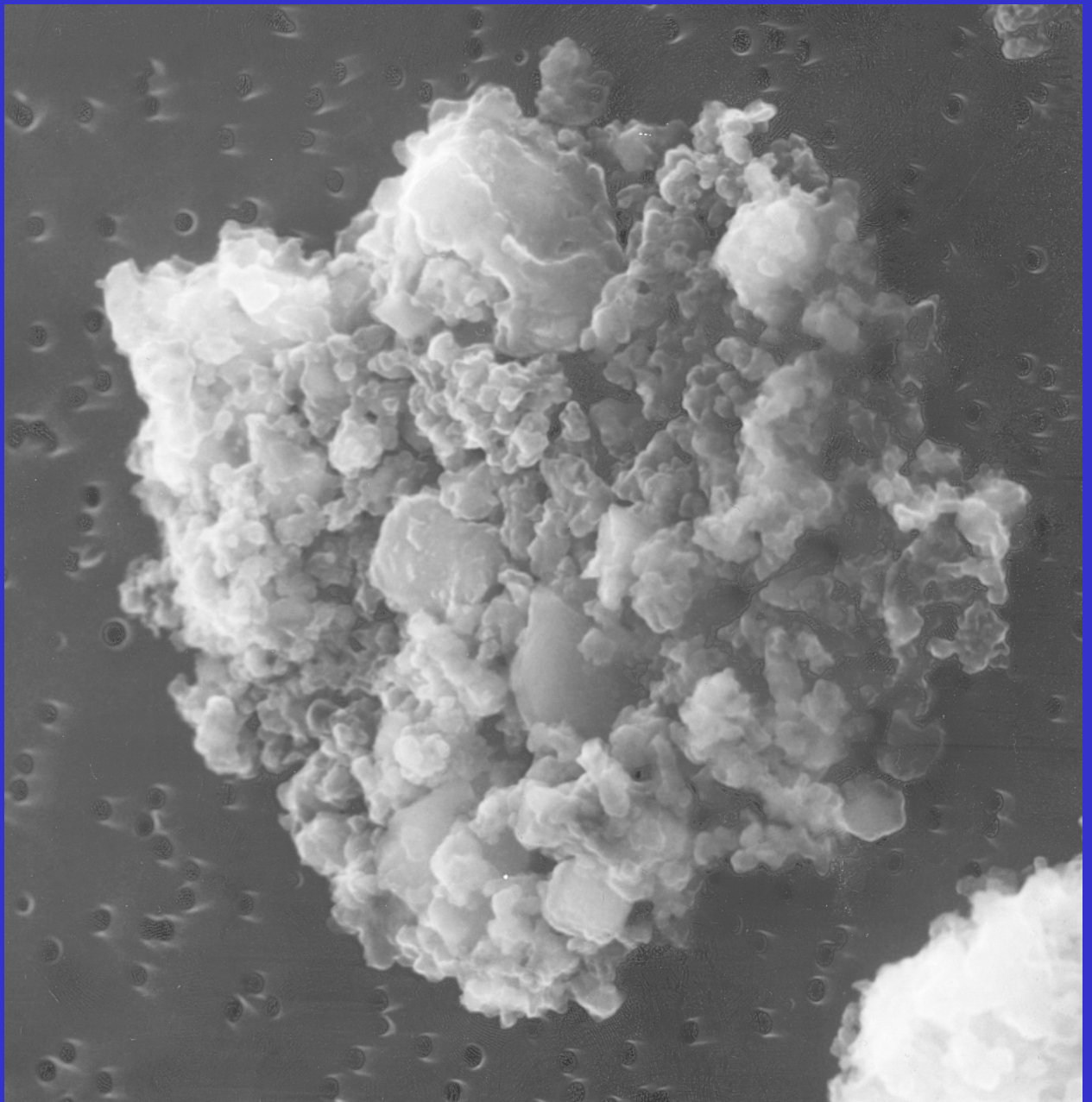
***“Cosmic dust” from
the stratosphere***



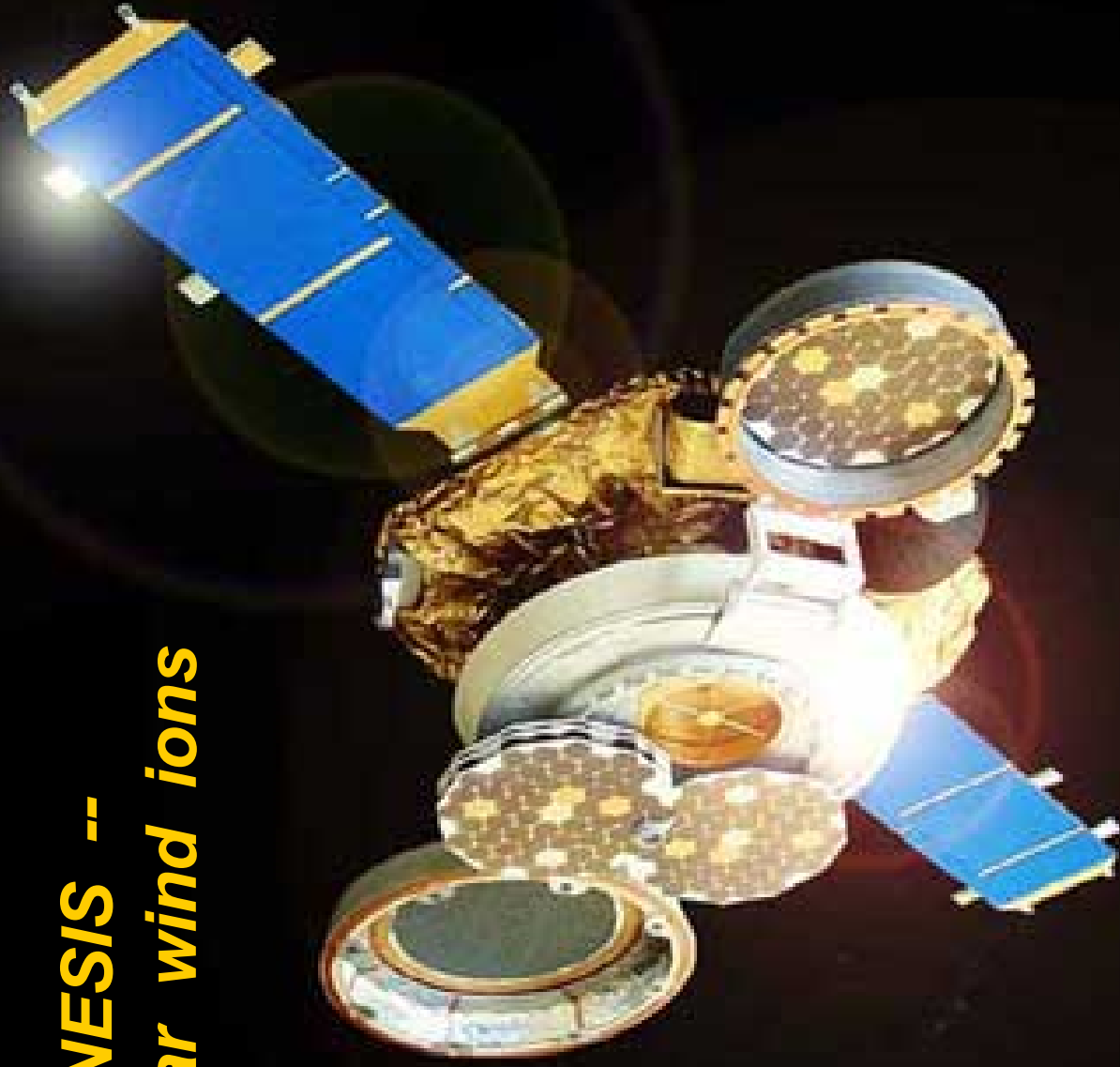


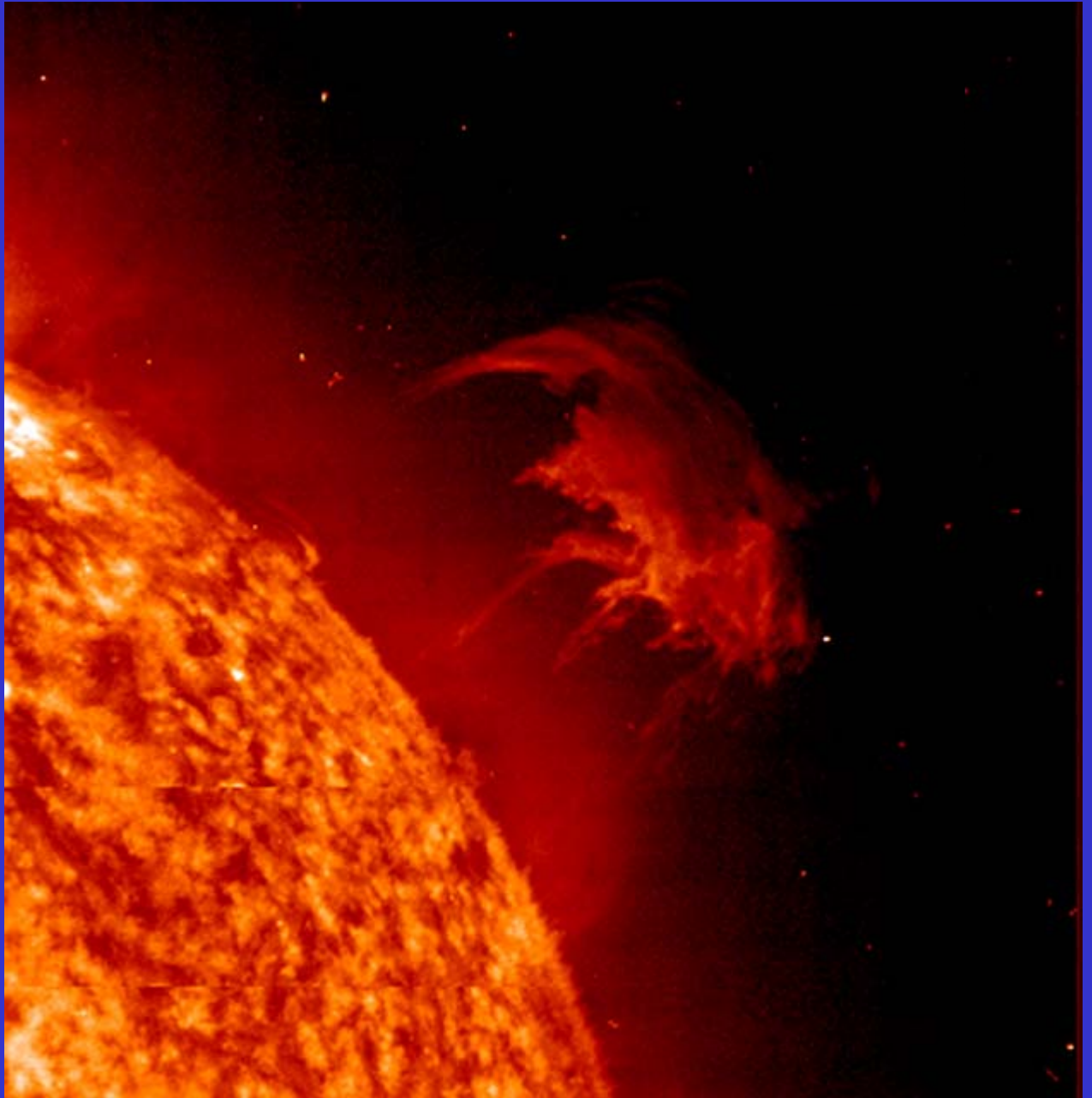


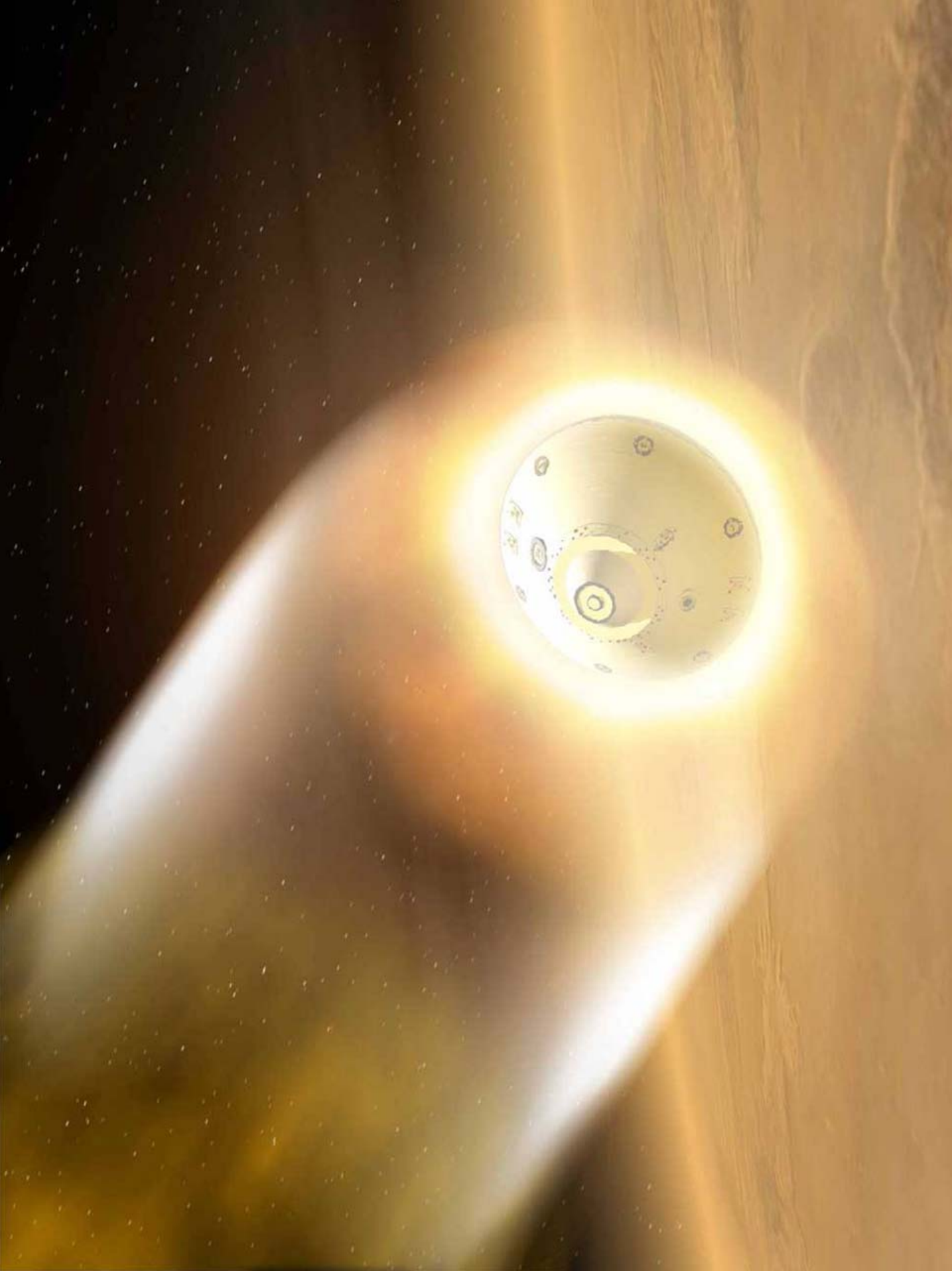




GENESIS -- solar wind ions





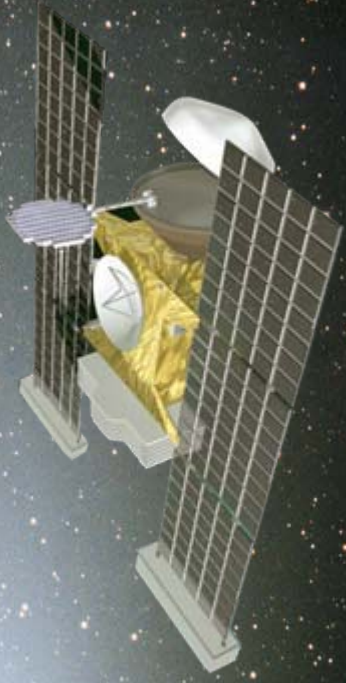






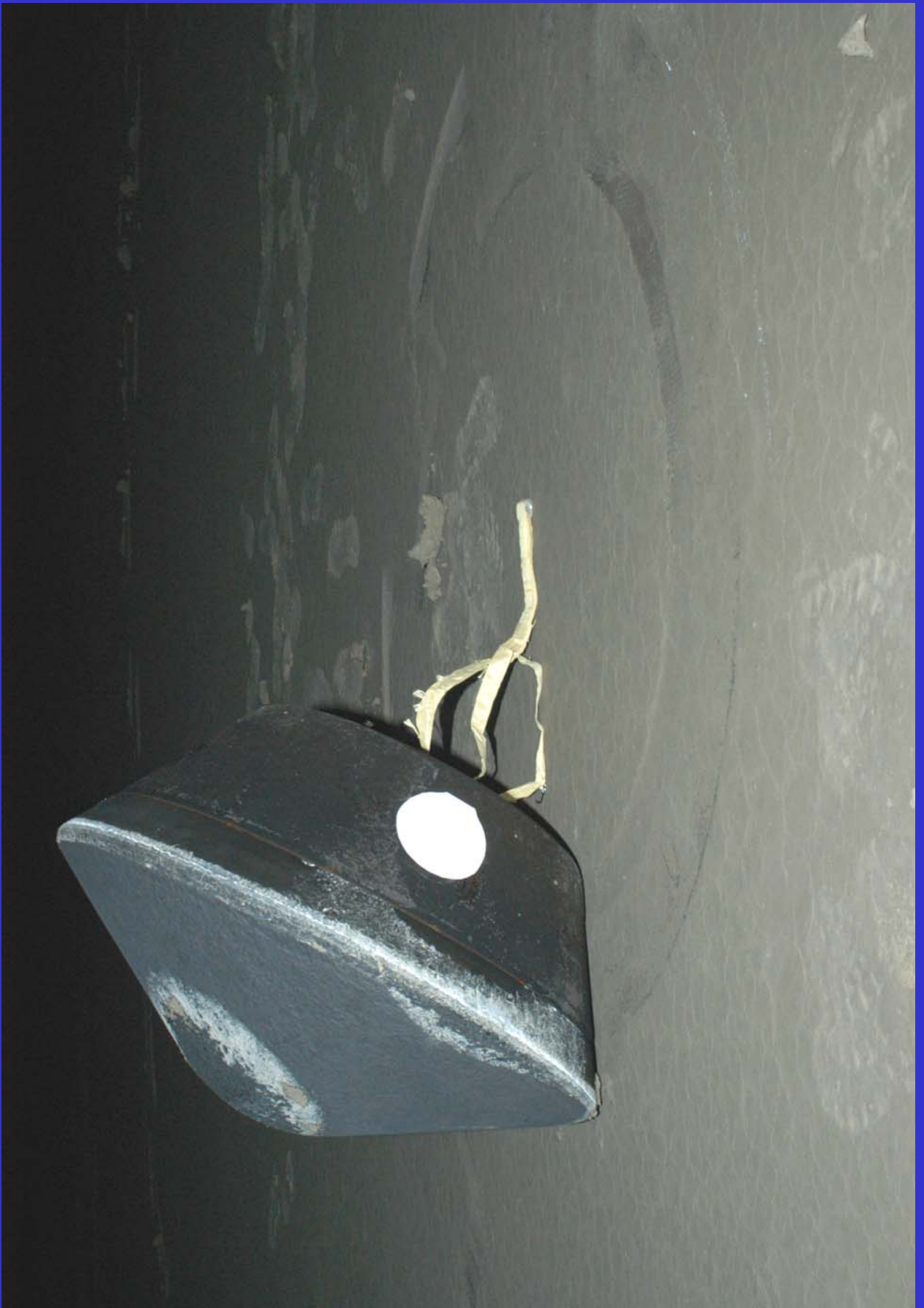


STARDUST -- comet and interstellar grains





9007 51 MET
JAN 15 2006





Genuine Cometary Olivine



0.5 μm

Space - Exposed Hardware



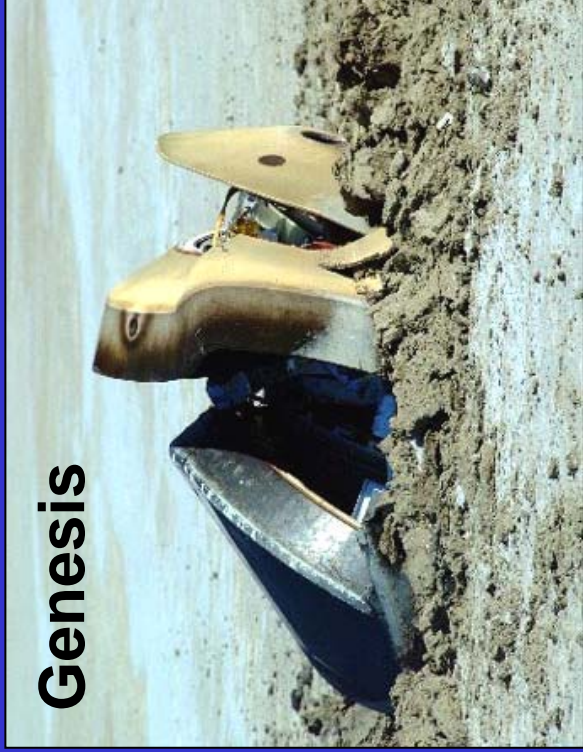
Surveyor 3



LDEF



**Solar
Max**



Genesis



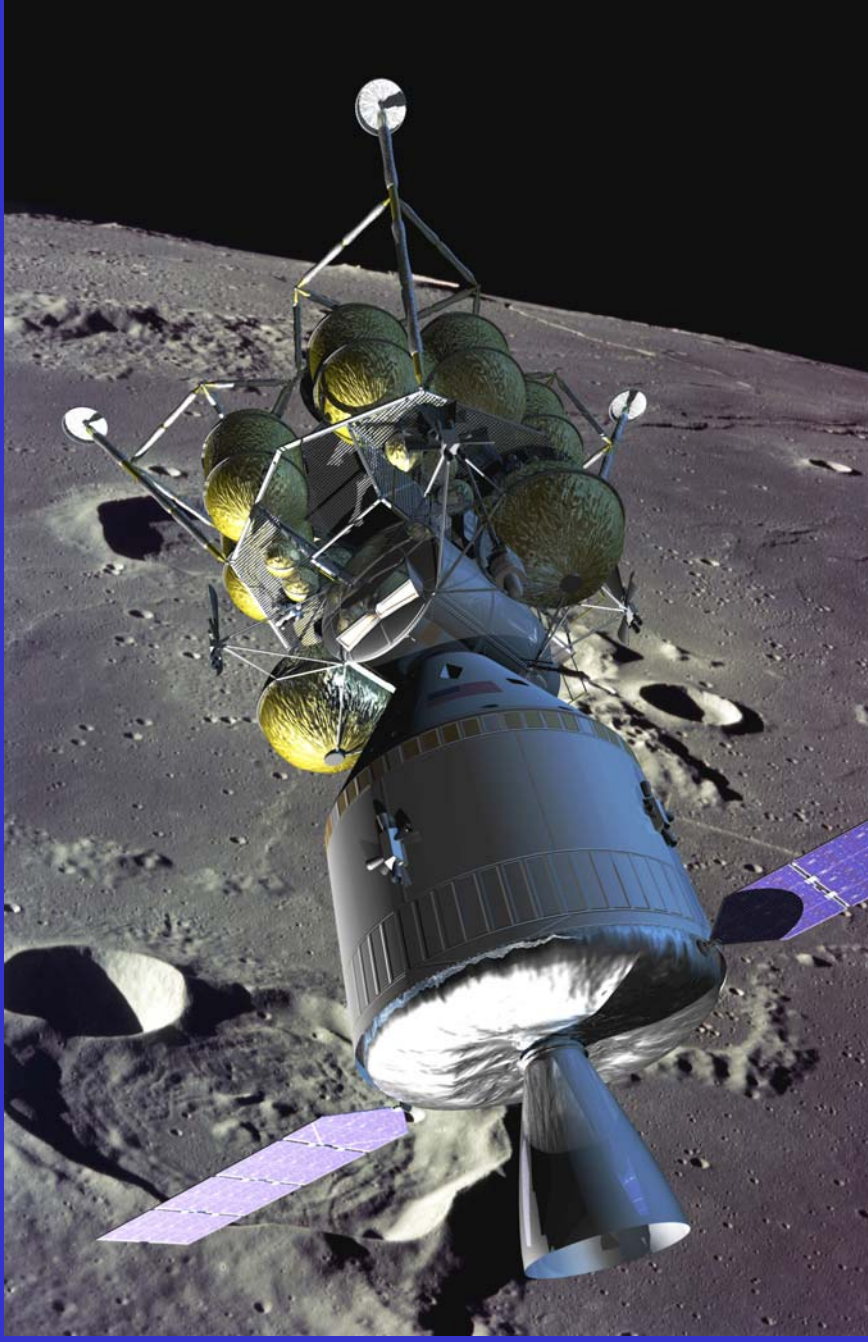
Stardust

Unique resources to support Exploration

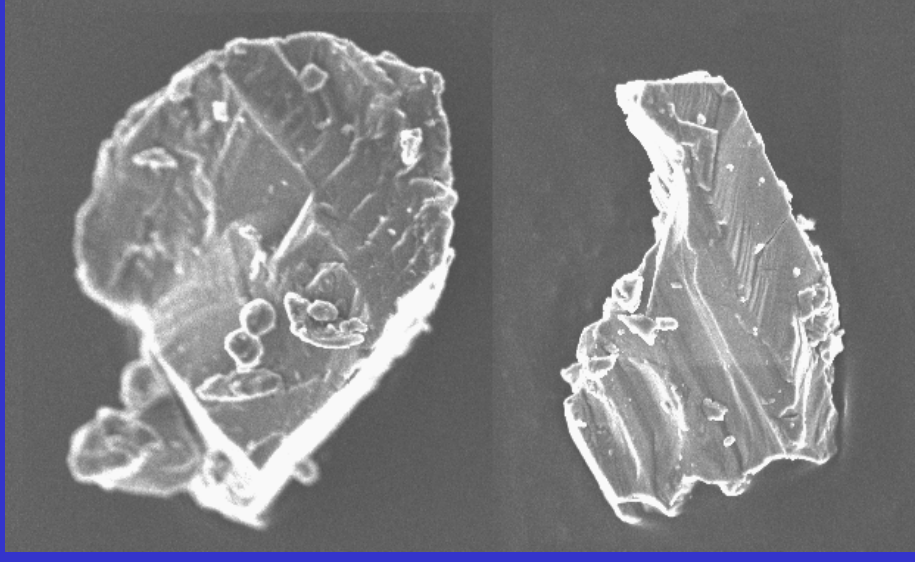
“Ground truth” for science at the Moon



Spacecraft performance assessment and validation



Lunar soil as a resource and a hazard



Training the explorers



Educating the next generation

